

**US-PAT-NO: 5446854**

**DOCUMENT-IDENTIFIER: US 5446854 A**

**\*\*See image for Certificate of Correction\*\***

**TITLE: Virtual memory computer apparatus and address  
translation mechanism employing hashing scheme  
and page  
frame descriptor that support multiple page sizes**

**DATE-ISSUED: August 29, 1995**

**US-CL-CURRENT: 711/1, 711/100**

**APPL-NO: 08/ 139549**

**DATE FILED: October 20, 1993**

**----- KWIC -----**

**Detailed Description Text - DETX (38):**

**In some embodiments, each virtual address will have an  
associated context  
number that identifies the context that is using the virtual address.**

**Because  
the context number is common to all of the virtual addresses  
mapped by a  
translation block, it can be stored in the header of the translation  
block. If  
context numbers are used, then a virtual address translation will  
only be valid**

**if the context number stored in the translation block header matches the context associated with the virtual address to be translated. For the purposes of this description, the context number can be thought of as being part of a virtual address.**